

MD iMap Technical Committee Meeting Minutes

Place: Department of the Environment (MDE): Terra Room (Baltimore, MD)
Date: 10/07/2014
Time: 1:00PM – 3:00 PM
Attendees: Rowland Agbede (MDA), John Bocan (DoIT/MES), Kevin Coyne (DNR), Bill Fearington (DHR), Julia Fischer (DoIT), Mara Kaminowitz (BMC), Barney Krucoff (GIO/DoIT), Erin Lesh (SHA), Lisa Lowe (DoIT), Melissa Oguamanam (MDP), Frank Siano (MDE), Mussie Tewolde (DJS), Brad Wolters (DHCD) and Toni Woods (DGS)
Phone Attendees: Mary Buffington (ESRGC), Jim Cannistra (MDP) and Apollo Teng (Montgomery County)

AGENDA:

- Introductions 1:00 – 1:10
- ELA & AGOL User Statistics 1:10 – 1:20
- Action Item Review 1:20 – 1:30
- MD iMap 2.0 Update 1:30 – 1:40
- Data & Resources Subcommittee Updates 1:40 – 2:20
 - Centerlines Update – *SHA*
 - Composite Locator Update – *Russell Provost*
 - Floodplain Map Update – *MDE/MES*
 - Imagery Update – *Jim Cannistra*
- Application Subcommittee Updates 2:20 – 2:40
 - Template Update – *John Bocan*
 - Web App Builder Update – *John Bocan*
- Outreach Subcommittee Updates 2:40 – 2:50
 - MD iMap Portal Update – *Julia Fischer*
- Additional Business 2:50 – 3:00

Introductions

Round-the-room

ELA & AGOL User Statistics

AGOL Stats

- Plan to audit the users and the number will go down once stale accounts are removed
- Credits were renewed September 1, so the comparison will not be even from last month to this month

Question: What are the premium layers?

- These are layers that users may unknowingly bring into AGOL web map and interact with which will use up credits
- We need to consider opportunities to educate users about the distinction between these

OpenLM Stats

- Does not show the single use license users
- Show the average number of hours per number of users per agency

Action Item Review

- Communication Plan: Lisa Lowe still working on the draft, have not been able to incorporate all the comments from the DoIT/GIO Office

Metadata

- Metadata is good and added the ability to add to application viewers using the template which adds a link to the metadata
 - This allows the metadata to be seen by and be accessible to more people
- Metadata is required for all 2.0 data submissions
- Obtain from ESRGC statewide slope file which map services had limitations, 1 meter slope map has been put together, Garrett County is 2 meter, huge dataset from LiDAR, MDP has this dataset available
- Using this data for certain projects related to slope that required some more in-depth analysis
- Moving forward, we need to modify existing instructions on how to submit applications for hosting on MD iMap 2.0
- Working with Socrata to get our data translated into the Socrata system, but how much is lost in the translation?
- There are APIs in Socrata which can consume mappable data, want to emphasize that you do not have to put your data in both MD iMap and Socrata, some people put data into Socrata that was already in MD iMap
- Some agencies have been putting up duplicate data and the authoritative source has not been resolved
- May want to remove datasets from Socrata if they are more geographic in nature, rather than have the data in both
- If you do post data in MD iMap, let StateStat know that you have posted the data, so you can get full credit

MD iMap 2.0 Update

- NAIP 2013 service is cached and up
- Six Inch Image Service expected to be up this week
- Six Inch Cached Map Service will be re-cached to use mixed image mode, instead of JPEG
 - Using mixed image mode allows for white space around state imagery to be removed because PNG draws as transparent while imagery is drawn with JPEG
- Request from users to have Six Inch Map Service draw at more zoomed out scales
 - We can match AGOL at 19 scale levels if preferred
- Geocoders and Six Inch Imagery Basemap to be updated very soon in AGOL with most up to date services
- Will send out notification about this prior to change
- Web apps such as MD iMap template and other AGOL Templates, including Web App Builder, only honor the pop-up and visibility settings you have in the web map, none of this can be changed through the web application.

Issue: Map service added, you turn off one of the layers and the pop-up remains (template or web app builder)

- This is a JS API Bug (NIM085352 - <http://support.esri.com/en/bugs/nimbus/TklNMDg1MzUy>) that was found in 3.1, there will be no fix according to Esri Development.

Issue: Make a web map, turn off a layer in the service, make into a web app, turn on web app, pop-up does not appear (template or web app builder)

- Basically the same bug, underlying API issue
- The bottom line is, whatever visibility settings you set in the web map, is what carries over to your web app, regardless of how the end user manipulates the visibility of the layers in the application
- Accessors have requested that the applications allow for zooming in to another level
 - Have found that some of the other resources appear to be better, but only because they zoom in further
 - MDE also has this request
 - 1:1,200 or 1:1,250
 - Made it available because we are giving it to everyone through the delivery of the raw tiles and they distribute to participants of the project
 - Potential to not cache and instead hits the image service at larger scales
 - Mosaic SIDs that are compressed for each county that are available, made sure that the transparencies are taken care of and a reasonably manageable dataset, much smaller number of tiles versus the individual JPEG tiles, make SIDs or compressed JPEGs available
 - Ideally this solution will help eliminate the need for duplicate copies at individual agencies
 - Barney considers this a go ahead for the larger scale, want to determine the size and processing requirements
- This has been an iterative process, we can think we are done until someone tries to do something and we need to leave ourselves enough time to respond, we need to try to repoint the systems now and leave enough time to fix them
- Capabilities are new and more than it was, better than it was, but some of the other issues are older and still going backwards, neither issue is good
- We see Esri with Open Data site adding new features which makes it more like Socrata, we want it to work and are not worried about the new features, but that seems to be a different focus than Esri's

Data & Resources Subcommittee Updates

Centerlines Update – *SHA*

- Procured Roads and Highways under the ELA
- SHA will be looking to come out with an RFP to implement Roads and Highways at SHA
- Send RFP for review to MDOT by the end of this month
- Close to finalizing testing version to review snap-to points between jurisdictions
- Took points from BMC and DE jurisdictions, existing points and used them, created points where they did not exist, cool application to collaborate a point with the centerline that exists from multiple contributors, can move and make comments on
- Going to test with D.C. once finalized, asked by NSGIC to test for feasibility across the country
 - Once feasibility is tested, will roll out across MD
- Road Closure application, hope to have out by end of December, using Geocortex
- Centerline/Cartographic Rendering Workshop, end of November, location and logistics TBD

Composite Locator Update – *Russell Provost*

- Request sent to locals for October update of address points and centerlines
- MD iMap 2.0 locator will be replacing existing 1.0 geocoder as the default geocoder in AGOL very soon. An email will precede this migration

- Please migrate application to new Geocoder, seems to be stable and much faster
- Added a DE geocoding service, based on local centerlines and address points, which can be used now and is a local locator which does not use credits

Floodplain Map Update – *MDE/MES*

- New application is up and running, on the Portal
- New services running on 10.2.1 and old servers are going to be turned off in 2 weeks
 - Not the same URL as the old services, contact Frank Siano for new URL
- MDP has looked at the data and it looks good

Imagery Update – *Jim Cannistra*

- 3” imagery for Rockville, Gaithersburg and Annapolis can be provided soon
- Use the Portal to provide updates on dates concerning the deliverables related to the latest project
- Receive a weekly schedule of updates for centralizing information
- Something similar to the LiDAR deliverables page with higher level information, determine content
- Comments from previous review to be incorporated into imagery pages and made available before October 16

Application Subcommittee Updates

- Pop-up issue: tested the TOD web map within several Esri templates, Public Information, Basic Viewer and third viewer, those three templates do not give the option of dealing with sub-layers or child layers
 - Only option is to turn on/off parent layer, so could not test the child layers in those templates
- Tried the TOD web map within an application built by WebApp Builder
- WebApp Builder functions similarly to MD iMap template, but the pop-ups act the same with group layers
- This has been going since JavaScript API 3.1 and version 3.11 has just come out
 - 3.11 has some updates to pop-ups for formatting, but do not address these issues

Template Update – *John Bocan*

- Hope to release updates this week
- Service layers have been added to 2.0, this is under the Add Data section, new update
- Might hold off until Friday to incorporate some other updated layers mentioned by Matt Sokol
- Request to have a version number for the template, there will be a small notation in the bottom left hand corner, which can be removed
- Help page, which would be description of the tools and some of the other aspects of the tools, links to the 2.0 website which includes tutorials and instructions and links to the GitHub site for developers
- Wiki redevelopment for GitHub, comments are welcome, please contact John directly
- JavaScript 3.11 version came out last week, going to look into the changes and try to incorporate within the template, latest update, hopefully 3.11 does not break existing functionality
- Changed the links to the .css inside of the 3.11 development code, please be aware of the URL changes, have to change these links

Web App Builder Update – *John Bocan*

- Nice, but does not do the more detailed functionality, good for creating a quick and easy web app
- Our template has some options that are superior to the WebApp Builder options
- Template for the WebApp Builder has been added to AGOL
 - Noted with the words “testing”, use this to test creating your own apps, left open to allow for configuration by the individual users
- Custom development should continue to use the Beta 2.0 option
- John to continue to explore and determine expanded options for the functionality of this resource, on-going development

Comment: Noticed the printing tool is not working.

- Blank pop-up appears, uses a proxy page, which might be part of the issue
- Brad Wolters to contact John with some questions concerning this functionality

Outreach Subcommittee Updates

MD iMap Portal Update – *Julia Fischer*

- New applications under the Map Gallery
- Updates coming to One Maryland One Centerline portion of the website
- Anticipate expanding the Composite Locator portion of the website, including adding a FAQ
- Adding videos to the website for some of the training functions
- Accepting new dashboards if they are available
- Added a link/graphic to the Socrata Open Data Portal from the carousel on the homepage

Additional Business

Open Data Council

- Anticipate undertaking an inventory, want to have a form to fill out, not just randomly ask for an inventory
- Prepopulate any data that is already on either Socrata or MD iMap
- Goal is to show the Council some inventory tools next month
- December/January there would be an actual inventory
- Inventory beyond just public data, regularly maintained datasets, some that might not become public, but want to know that they exist
- Some of the datasets are getting into StateStat, but have not been pushed into Open Data yet, so want to close this gap

Shutdown of MD iMap 1.0

- October 31, Noon to 5PM, MD iMap 1.0 will be shutdown
- We expect to hear from people who have not been involved and not yet received emails up to this point
- CGIS and GIO Office will be on call during this time to document name, contact information and issue/complaint, so we can individually follow up with callers
- Will replace a notice as first image in carousel on homepage of MD iMap Portal

Next MD iMap Technical Committee Meeting: November 18, 2014